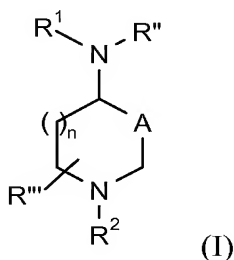


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

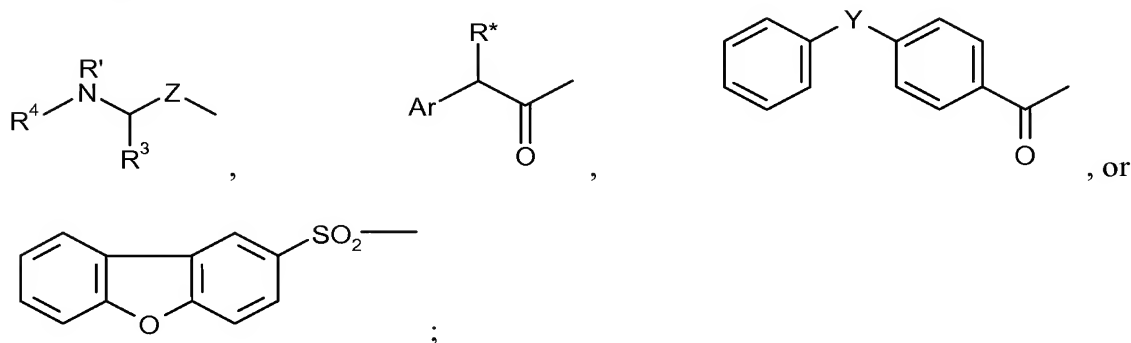
1. (Currently Amended) A compound according to formula (I):



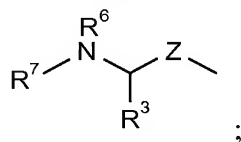
wherein:

A is C(O) or CH(OH);

R¹ is



R² is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, R⁵C(O)-, R⁵C(S)-, R⁵SO₂-, R⁵OC(O)-, R⁵R'NC(O)-, R⁵R'NC(S)-, adamantyl-C(O)-, or



R'' is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl;

R''' is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl;

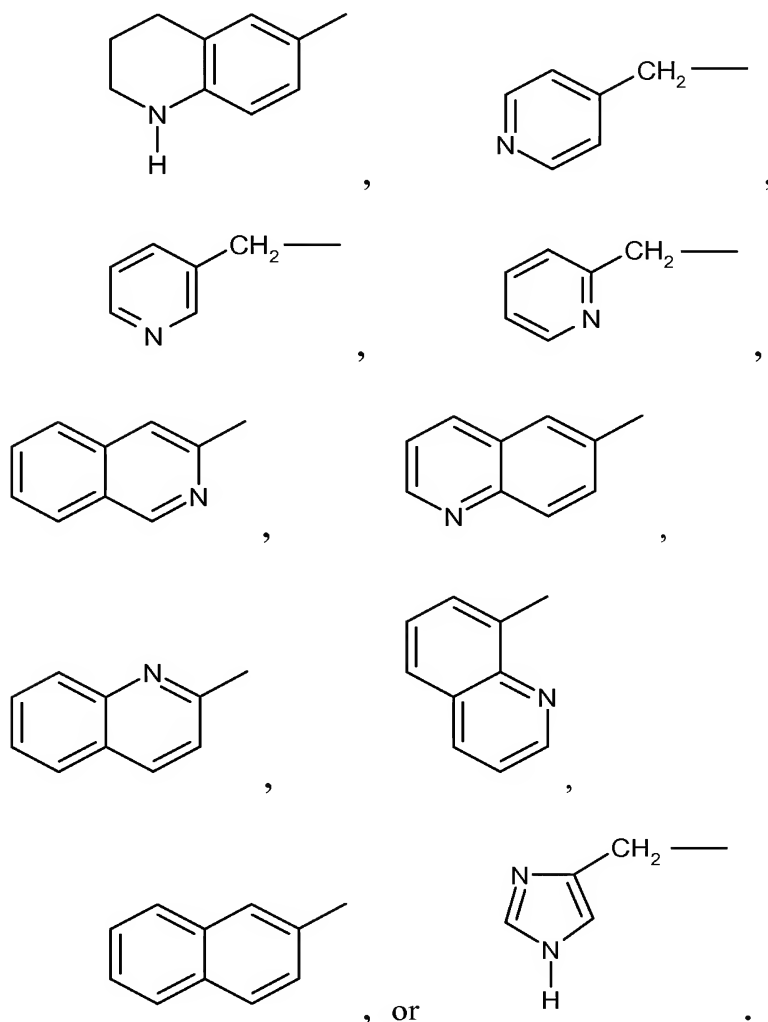
wherein:

each R³ defined above independently is H, C₂₋₆alkenyl, C₂₋₆alkynyl, Het, Ar or C₁₋₆alkyl optionally substituted by OR', SR', NR'₂, R'NC(O)OR⁵, CO₂R', CO₂NR'₂, N(C=NH)NH₂, Het or Ar;

each R⁴ defined above is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, R⁵C(O)-, R⁵C(S)-, R⁵SO₂-, R⁵OC(O)-, R⁵R'NC(O)-, R⁵R'NC(S)-, R'HNCH(R')C(O)-, or R⁵OC(O)NR'CH(R')C(O)-;

each-R⁵ defined above independently is C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, Ar-C₀₋₆alkoxy, Het-C₀₋₆alkoxy, or C₁₋₆alkyl;

wherein R⁵ is substituted by one or two substituents selected from the group consisting of Cl, Br, F, CF₃, C₁₋₄alkyl, OH, C₁₋₄alkoxy, CN, CONH₂, NH₂, or NO₂, or substituted by methylenedioxy, or



each R⁶ defined above is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl; and
 each R⁷ defined above is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, R⁵C(O)-, R⁵C(S)-, R⁵SO₂-, R⁵OC(O)-, R⁵R'NC(O)-, R⁵R'NC(S)-, R'HNCH(R')C(O)-, or R⁵OC(O)NR'CH(R')C(O)-; or

R⁶ and R⁷ defined above are connected to form a pyrrolidine, a piperidine, or a morpholine ring;

each R' defined above for R¹, R², R³, R⁴, R⁶, and R⁷ **and herein below** independently is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl; or phenyl or naphthyl substituted by one to three moieties selected from C₁₋₄alkyl, **OR', N(R')₂, SR', OH, OC₁₋₆alkyl, NH₂, N(C₁₋₆alkyl)₂, SH, S(C₁₋₆alkyl), CF₃, NO₂, CN, CO₂R',**

CON(R'), CO₂H, CO₂(C₁₋₆alkyl), CON(H)₂, or CON(C₁₋₆alkyl)₂, F, Cl, Br, and I, or substituted by a methylenedioxy group;

R* defined above is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl;

Y is a single bond or O;

each Z independently is CO or CH₂; and

n is 0, 1, or 2;

wherein each Ar defined above is independently unsubstituted phenyl or naphthyl; or phenyl or naphthyl substituted by one or more of Ph-C₀₋₆alkyl, Het-C₀₋₆alkyl, C₁₋₆alkoxy, Ph-C₀₋₆alkoxy, Het-C₀₋₆alkoxy, OH, (CH₂)₁₋₆NR'R', O(CH₂)₁₋₆NR'R';

wherein each R' as defined in Ar independently is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl; or phenyl or naphthyl substituted by one to three moieties selected from C₁₋₄alkyl, OH, O(C₁₋₆alkyl), N(H)₂, N(C₁₋₆alkyl)₂, SH, S(C₁₋₆alkyl), CF₃, NO₂, CN, CO₂H, CO₂(C₁₋₆alkyl), CON(H)₂, CON(or C₁₋₆alkyl)₂, F, Cl, Br, I, or a methylenedioxy;

wherein each Het defined above is independently a stable 5- to 7-membered monocyclic or a stable 7- to 10-membered bicyclic heterocyclic ring, which is saturated or unsaturated, and which consists of carbon atoms and from one to four heteroatoms selected from the group consisting of N, O and S;

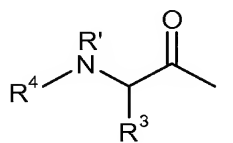
wherein the nitrogen and sulfur heteroatoms are optionally oxidized, and the nitrogen heteroatom is optionally quaternized;

wherein the bicyclic group of the bicyclic heterocyclic ring is fused to a benzene ring, and which optionally is substituted with one or two moieties selected from C₁₋₄alkyl, OR', N(R')₂, SR', CF₃, NO₂, CN, CO₂R', CON(R'), F, Cl, Br and I; and

wherein each R' as defined in the bicyclic group of the bicyclic heterocyclic ring independently is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl; or phenyl or naphthyl substituted by one to three moieties selected from C₁₋₄alkyl, OH, OC₁₋₆alkyl, N(H)₂, N(C₁₋₆alkyl)₂, SH, SC₁₋₆alkyl, CF₃, NO₂, CN, CO₂H, CO₂(C₁₋₆alkyl), CONH₂, CON(C₁₋₆alkyl)₂, F, Cl, Br and I, or a methylenedioxy group;

or a pharmaceutically acceptable salt thereof.

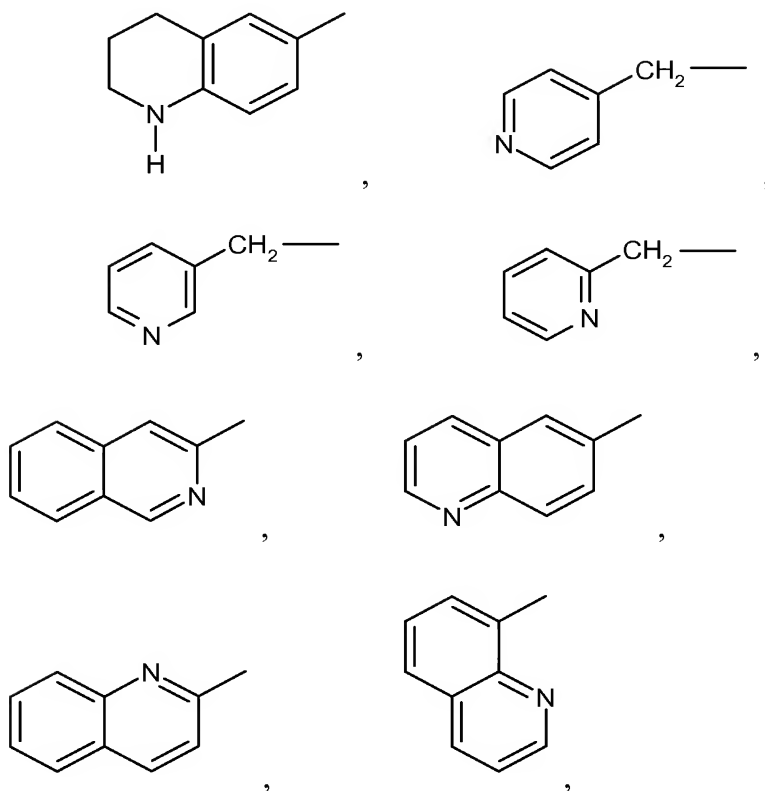
2 (Previously Presented). A compound according to claim 1, wherein R¹ is

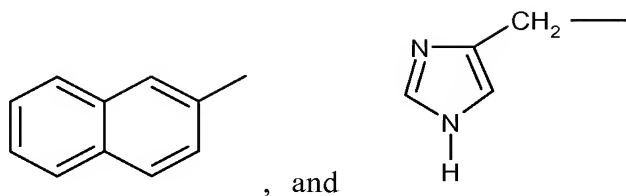


3 (Previously Presented). A compound according to claim 2, wherein R⁴ is R⁵C(O)-, R⁵SO₂-, or R⁵OC(O)-.

4 (**Previously Presented**). A compound according to claim 3, wherein R⁵ in the R⁴ group is Ar-C₀₋₆alkyl or Het-C₀₋₆alkyl.

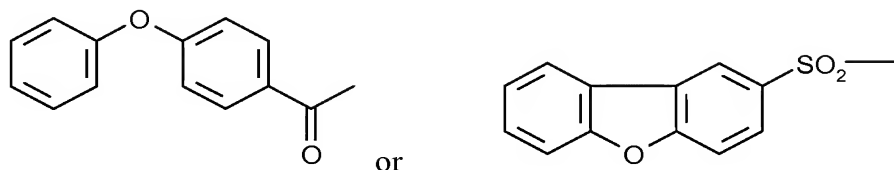
5 (Previously Presented). A compound according to claim 4, wherein the Ar-C₀₋₆alkyl of the R⁴ group is phenyl or benzyl, unsubstituted or substituted by one or two substituents selected from the group consisting of Cl, Br, F, CF₃, C₁₋₄alkyl, OH, C₁₋₄alkoxy, CN, CONH₂, NH₂, or NO₂, methylenedioxy;



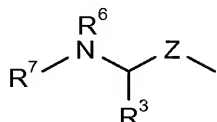


6 (**Original**). A compound according to claim 2 wherein, in said R^1 group, R' is H or CH_3 and R^3 is i-butyl.

7 (**Withdrawn**). A compound according to claim 1 wherein R^1 is



8 (**Withdrawn**). A compound according to claim 1 wherein R^2 is



9 (**Withdrawn**). A compound according to claim 8 wherein R^7 is $\text{R}^5\text{OC}(\text{O})-$.

10 (**Withdrawn**). A compound according to claim 9 wherein R^5 in said R^7 group is Ar- C_{0-6} alkyl or Het- C_{0-6} alkyl.

11 (**Withdrawn**). A compound according to claim 10 wherein R^5 in said R^7 group is phenyl or benzyl which are unsubstituted or substituted by one or two of the group consisting of Cl, Br, F, CF_3 , C_{1-4} alkyl, OH, C_{1-4} alkoxy, CN, CONH_2 , NH_2 , or NO_2 , or substituted by methylenedioxy; or 2-, 3-, or 4-pyridyl- CH_2- .

Claim 12 (Cancelled).

13 (**Withdrawn**). A compound according to claim 8 wherein, in said R^2 group, R^6 is H or CH_3 and R^3 is i-butyl.

Claim 14 (Cancelled).

15 (**Original**). A compound according to claim 1 wherein A is $\text{C}(\text{O})$.

16 (**Previously Presented**). A compound which is:

(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(phenoxybenzamide)]-3-
pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenylethanoyl)]-
3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenylethanoyl)]-3-
pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(tert-butoxyoxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(tert-
butoxyoxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
(aminomethyl)pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-
pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(N-tert-
butoxycarbonyl)ethanoyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[(ethanoyl)aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(tert-butoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(tert-
butoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-
[(benzyloxycarbonyl)amino]ethanoyl]-3-pyrrolidinone;
4-[[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)
amino]ethanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-3-tert-butoxy-
[[[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinol;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-2-
[[[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinol;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-2-
[[[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-
[cyclohexanepropanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[cyclohexanepropanoyl]-3-
pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[4-
pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[4-
pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[2-
pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[2-
pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[3-
pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[3-
pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridylcarbonyl)-3-
pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridylcarbonyl)-3-
pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenyl)ethanoyl]-
3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenyl)ethanoyl]-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-
[[[(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[[[(benzyloxycarbonyl)] iso-
butylamino]ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(tert-
butoxycarbonyl)amino]ethanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(tert-butoxycarbonyl)
amino]ethanoyl]-3-piperidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-(amino)ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentanoyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentanoyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(benzoyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(benzoyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(acetyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(acetyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridoxyacetyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridoxyacetyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-(phenoxy)ethanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-(phenoxy)ethanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[(2-phenyl)ethanoyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[(2-phenyl)ethanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-ethanoyl-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-ethanoyl-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(4-cyanobenzoyl)-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(4-cyanobenzoyl)-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-pyrrolidinol;

4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinol;
4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-idiny]methoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-pyridinylmethoxycarbonyl]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-pyridinylmethoxycarbonyl]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-1-(adamantyl)carbonyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-1-(adamantyl)carbonyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methyl-pentanoyl)-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methyl-pentanoyl)-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-D-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-D-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-N^ε-(tert-butoxycarbonyl)-L-lysine]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-N^ε-(tert-butoxycarbonyl)-L-lysine]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentanoyl)-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentanoyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N-2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
4-[[N-2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(methanesulphonyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(methanesulphonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(phenylsulphonyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(phenylsulphonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(8-quinolinesulphonyl)-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(8-quinolinesulphonyl)-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(2-pyridylsulphonyl)-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(2-pyridylsulphonyl)-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[(2-propoxy)carbonyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[(2-propoxy)carbonyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[(3-methyl-1-propoxy)carbonyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-[(3-methyl-1-propoxy)carbonyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(4-phenoxy)phenylsulphonyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(4-phenoxy)phenyl sulphonyl]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)phenylsulphonyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)phenyl sulphonyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-pyrrolidinol;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]methylamino]pentanoyl]-3-pyrrolidinol;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]methylamino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3-chlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(3-chlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(8-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(8-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(acetyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(acetyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(p-trifluoromethylbenzenesulphonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(p-trifluoromethylbenzenesulphonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[2-(RS)-(3-biphenyl)-4-methyl]amino]pentanoyl]-1-(4-methylpentyl)-3-piperidinol;
4-[[2-(RS)-[(3-biphenyl)-4-methyl]amino]pentanoyl]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(a-toluenesulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(a-toluenesulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(benzensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinol;
4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[2-pyridinylmethoxycarbonyl]amino]pentanoyl]-3-piperidinol;
4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[2-pyridinylmethoxycarbonyl]amino]pentanoyl]-3-piperidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(tert-butoxyoxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[(L-leucinyl)amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)] amino]pentyl]-3-
pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-quinolinecarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-quinolinecarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(piperonylcarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(piperonylcarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-pyridylcarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-pyridylcarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-nitro-a-toluenesulphonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-nitro-a-toluenesulphonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(8-quinolinesulphonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(8-quinolinesulphonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]aminomethyl]-1-
[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-quinolinylcarbonyl)-L-leucinyl]aminomethyl]-1-
[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-quinolinylcarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(phenylacetyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(phenylacetyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(phenylacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(phenylacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(4-pyridinylacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(3-isoquinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(3-isoquinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-3-pyrrolidinol;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

1-benzyl-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny] aminomethyl]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(6-hydroxy-2-naphthylcarbonyl)-L-leuciny] amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(6-hydroxy-2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(6-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(6-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(4-pyridiny]carbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(4-pyridiny]carbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-benzyloxycarbonyl-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridiny]methoxy)carbonyl]-L-leuciny]amino]-1-[(2R)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridiny]methoxy)carbonyl]-L-leuciny]amino]-1-[(2R)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridiny]methoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(tert-butoxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridiny]methoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(tert-butoxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridiny]methoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-(amino)pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-methylpropoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-methylpropoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(methylamino)thiocarbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(methylamino)thiocarbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(phenylmethylamino)carbonyl]-L-leuciny]amino]-1-
[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(phenylmethylamino)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(3,4-dichlorophenylamino)carbonyl]-L-leuciny]amino]-1-[(2S)-4-
methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(3,4-dichlorophenylamino)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(3,4-dichlorophenylamino)-L-leuciny]amino]-3-
pyrrolidinol;
1-benzyl-4-[[N^α-(3,4-dichlorophenylamino)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-
[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-
2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-
[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-
[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[(acetyl)amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[(acetyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[(methanesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[(methanesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(a-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(a-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-
pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny] amino]-3-
pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(2-nitro-α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(2-nitro-α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-pyridinylcarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-pyridinylcarbonyl)] amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-imidazoleacetyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-imidazoleacetyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(4-phenoxybenzoyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-pyrrolidinolcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(3-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(4-cyanobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(4-cyanobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(4-bromobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(4-bromobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny] amino]-3-pyrrolidinone;
(3RS,4RS)-1-phenethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny] amino]-3-pyrrolidinol;
1-phenethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

1-(3-aminobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(3-benzyloxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(3-benzyloxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny] amino]-3-pyrrolidinone;
(3RS,4RS)-1-(3-hydroxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol
1-(3-hydroxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-ethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-ethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-cyclopropylmethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-cyclopropylmethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny] amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-N,N-dimethylaminoethyl)-4-[[N^α-(4-pyridinylmethoxy carbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-N,N-dimethylaminoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-morpholinoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinonol;
1-(2-morpholinoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny] amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-bromobenzyl)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinonol;
1-(2-bromobenzyl)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny] amino]-3-pyrrolidinonone;
(3RS,4RS)-4-[[N^α-(4-pyrdinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyrdinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyrdinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]aminomethyl]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyrdinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]aminomethyl]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-pyridinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-pyridinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(3-pyridinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;

4-[[N^α-(3-pyridinylmethoxy)carbonyl]-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-
4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-nitro-*a*-toluenesulphonyl)-L-leucinyl]amino]-3-
pyrrolidinol;
1-benzyl-4-[[N^α-(2-nitro-*α*-toluenesulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(phenylsulphonyl)-L-leucinyl]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(phenylsulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(*a*-toluenesulphonyl)-L-leucinyl]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(*a*-toluenesulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leucinyl]amino]-3-
pyrrolidinol;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leucinyl]amino]-3-pyrrolidinone
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-3-
piperidinol;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-3-piperidinone
(3RS,4RS)-1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leucinyl]amino]-3-piperidinol;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leucinyl]amino]-3-piperidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylsulphonyl)amino]-3-piperidinol;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leucinyl]amino]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]aminomethyl]-1-
[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)amino]pentyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)amino]pentyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[2-[(*α*-
toluenesulphonyl)amino]ethyl]-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[2-[(*α*-toluenesulphonyl)amino]ethyl]-3-
pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(piperonylcarbonyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinol;
4-[[N^α-(piperonylcarbonyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[2-[(4-fluorobenzoyl) amino]

ethyl]-3-pyrrolidinol;

4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(4-fluorobenzoyl)amino]ethyl]-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-(*tert*-butoxycarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinol;

4-[[N^α-(*tert*-butoxycarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinol;

4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;

4-[[N^α-(4-carboxybenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;

1-benzyl-4-[[N^α-(4-carboxybenzoyl)-L-leuciny]amino]-3-pyrrolidinone;

(3RS,4RS)-1-benzyl-4-[[N^α-(4-carboxymethyl)benzoyl]-L-leuciny]amino]-3-pyrrolidinol;

1-benzyl-4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-[(4-carboxymethyl)benzoyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinol];

4-[[N^α-[(4-carboxymethyl)benzoyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;

(3RS,4RS)-1-phenethyl-4-[[N^α-(2-amino- α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;

1-phenethyl-4-[[N^α-(2-amino- α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinol;

4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;

(3RS,4RS)-4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinol;

4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;

(3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinol;

4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;

(3RS,4RS)-4-[(2S)-4-methyl-2-(benzyl)oxy]pentanoyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinol;

4-[(2S)-4-methyl-2-(benzyl)oxy]pentanoyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinone;

(3RS,4RS)-4-[[3-(2-pyridyl)phenylacetyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;

4-[[3-(2-pyridyl)phenylacetyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;

(3RS,4RS)-4-[[N^α-(*p*-trifluoromethanephensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;

4-[[N^α-(*p*-trifluoromethanephensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;

(3RS,4RS)-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;

4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;

(3RS,4RS)-4-[[N^α-(3,4-dichlorophenylsulphonyl)-

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl)]-3-piperidinol;
4-[[N^α-(3,4-dichlorophenylsulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl)]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(methanesulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl)]-3-piperidinol;
4-[[N^α-(methanesulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl)]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-fluorophenylsulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl)]-3-piperidinol; or
4-[[N^α-(4-fluorophenylsulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl)]-3-piperidinone;

or a pharmaceutically acceptable salt thereof.

17 (Previously Presented). A compound which is:

4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone];
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(phenoxybenzamide)]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenylethanoyl)]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone];
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(tert-butoxyoxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone];
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-(aminomethyl)pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(N-tert-butoxycarbonyl)ethanoyl]aminomethyl]pentanoyl]-3-pyrrolidinone];
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(ethanoyl)aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(tert-butoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone];
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone];
4-[[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)amino]ethanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-2-[[[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinone];
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[cyclohexanepropanoyl]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-pyridinylmethoxycarbonyl]]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[2-pyridinylmethoxycarbonyl]]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[3-pyridinylmethoxycarbonyl]]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(2-pyridylcarbonyl)-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[4-(biphenyl)ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]aminomethyl]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[[benzyloxycarbonyl]]isobutylamino]ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(tert-butoxycarbonyl)amino]ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-(amino)ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(benzoyl)-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(acetyl)-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(2-pyridoxyacetyl)-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[[benzyloxycarbonyl]methylamino]ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl) phenylacetyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[[benzyloxycarbonyl]methylamino]ethanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-(phenoxy)ethanoyl]-3-pyrrolidinone;
4-[[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-phenyl) ethanoyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-ethanoyl-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-cyanobenzoyl)-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^αidinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-
pyridinylmethoxycarbonyl]]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[1-(adamantyl) carbonyl]-
3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methyl-pentanoyl)-3-
pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-D-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentanoyl]-3-piperidinone
4-[[N^α-(benzyloxycarbonyl)-N^ε-(tert-butoxycarbonyl)-L-lysine]amino]-1-
[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-
piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-
piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[2-
(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinone;
4-[[N-2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(methanesulphonyl)-3-
piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(phenylsulphonyl)-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(8-quinolinesulphonyl)-3-
pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(2-pyridylsulphonyl)-3-
pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-propoxy) carbonyl]-3-
pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(3-methyl-1-
propoxy)carbonyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy) phenylsulphonyl]-3-
pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy) phenylsulphonyl]-3-
piperidinone;
4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;

4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]methylamino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(3-chlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(8-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(acetyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(p-trifluoromethylbenzenesulphonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[2-(RS)-[(3-biphenyl)-4-methyl]amino]pentanoyl]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)
methylamino]ethyl]-3-piperidinone;
4-[[N^α-(a-toluenesulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl) phenylacetyl]-3-
piperidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl) phenylacetyl]-3-
piperidinone;
4-[[N^α-(benzensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinone;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinone;
4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[2-
(pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(tert-butoxyoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[(L-leuciny]amino)-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)] amino]pentyl]-3-
pyrrolidinone;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-nitro-a-toluenesulphonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(phenylacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]]amino]pentyl]-3-piperidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
4-[[N^α-(4-pyridinylacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
1-benzyl-4-[[N^α-(3-isoquinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(6-hydroxy-2-naphthylcarbonyl)-L-leuciny]amino]-3-

pyrrolidinone;

1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(6-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-benzyloxycarbonyl-3-

pyrrolidinone;

4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2R)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[tert-
butoxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-
[(2S)-4-methyl-2-(amino)pentyl]-3-pyrrolidinone;
4-[[N^α-(2-methylpropoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(methylamino)thiocarbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(phenylmethylamino)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(3,4-dichlorophenylamino)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(3,4-dichlorophenylamino)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-
2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-
[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[(acetyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[(methanesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(a-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(2-nitro-α-toluenesulphonyl)-L-leuciny]amino]-3-
pyrrolidinone;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-
pyridinylcarbonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-
toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-imidazoleacetyl]amino]pentyl]-3-pyrrolidinone;
1-(3-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(4-cyanobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(4-bromobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-phenethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-aminobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-benzyloxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-hydroxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-ethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-cyclopropylmethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-N,N-dimethylaminoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-morpholinoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-bromobenzyl)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]aminomethyl]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(3-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-nitro- α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(phenylsulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(*a*-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-piperidinone

U.S. Serial No.: 10/789,063
Group Art Unit: 1624

1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-piperidinone;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[(2S)-4-methyl-2-[(benzyloxycarbonyl)amino]pentyl]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(α-toluenesulphonyl)amino]ethyl]-3-
pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;
4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(4-fluorobenzoyl)amino]ethyl]-3-
pyrrolidinone;
4-[[N^α-(*tert*-butoxycarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-
fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-carboxybenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-
fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-carboxybenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-
fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
1-phenethyl-4-[[N^α-(2-amino-α-toluenesulphonyl)-L-leuciny]amino]-3-
pyrrolidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
4-[[[(2S)-4-methyl-2-(benzyl)oxy]pentanoyl]-1-[(2S)-4-methyl-2-
[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinone;
4-[[[3-(2-pyridyl)phenylacetyl]amino]-1-[3-(2-pyridyl)phenylacetyl]]-3-piperidinone;
4-[[N^α-(p-trifluoromethanephensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]]-
3-piperidinone;
4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]]-3-piperidinone;
4-[[N^α-(3,4-dichlorophenylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]]-3-
piperidinone;
4-[[N^α-(methanesulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]]-3-piperidinone; or
4-[[N^α-(4-fluorophenylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]]-3-
piperidinone;

or a pharmaceutically acceptable salt thereof.

18 (**Previously presented**). A pharmaceutical composition comprising a compound according to claim 1 and a pharmaceutically acceptable carrier.

19 (**Withdrawn**). A method of inhibiting a cysteine protease which comprises administering a compound according to claim 1.

20 (**Withdrawn**). A method according to claim 19 wherein the cysteine protease is cathepsin K.

21 (**Withdrawn**). A method of inhibiting bone loss which comprises administering a compound according to claim 1.

22 (**Withdrawn**). A method of treating osteoporosis which comprises administering a compound according to claim 1.

23 (**Withdrawn**). A method of treating gingival or periodontal disease which comprises administering a compound according to claim 1.

24 (**Withdrawn**). A method of treating a disease characterized by excessive cartilage or matrix degradation which comprises administering a compound according to claim 1.

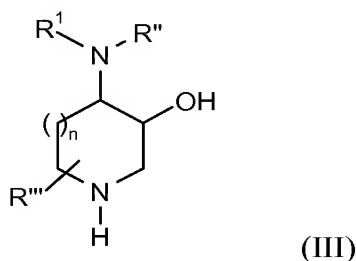
25 (**Withdrawn**). A method according to claim 24 wherein said disease is osteoarthritis or rheumatoid arthritis.

Claims 26-33 (Cancelled).

34 (**Withdrawn**). A process for preparing a compound of the formula (I) as defined in claim 1, which process comprises:

(A) for compounds in which A is CH(OH):

(i) reacting a compound of the formula (III):



or a salt thereof,

wherein R¹, R'', R''' and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, with:

(a) R⁵C(O)Cl, in which R⁵ is as defined in formula (I) of claim 1;

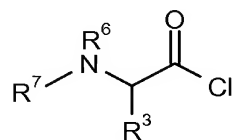
or

(b) $R^5C(O)OH$, in which R^5 is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or

(c) $R^5C(O)H$, in which R^5 is as defined in formula (I) of claim 1, followed by reduction; or

(d) $R^5OC(O)Cl$, in which R^5 is as defined in formula (I) of claim 1, in the presence of base; or

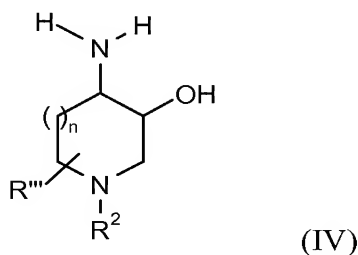
(e) R^5SO_2Cl , in which R^5 is as defined in formula (I) of claim 1, in the presence of base; or



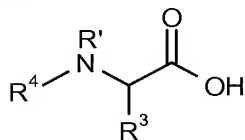
(f) wherein R^3 , R^6 and R^7 are as defined in formula (I) of claim 1; or

(g) adamantyl- $C(O)Cl$;

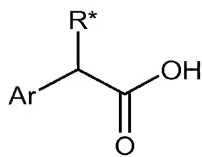
(ii) reacting a compound of the formula (IV):



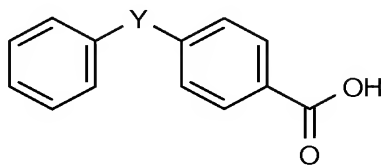
wherein R^2 , R''' and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, with:



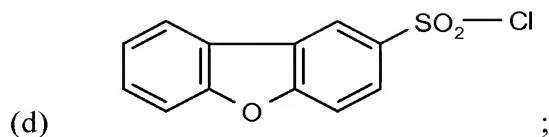
(a) , in which R^3 , R^4 and R' are as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



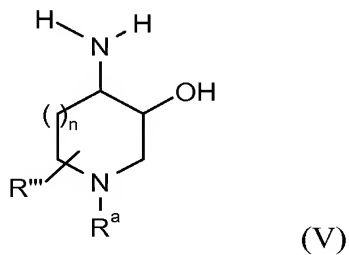
(b) , in which R^* is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



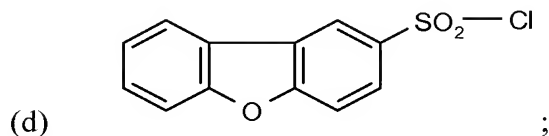
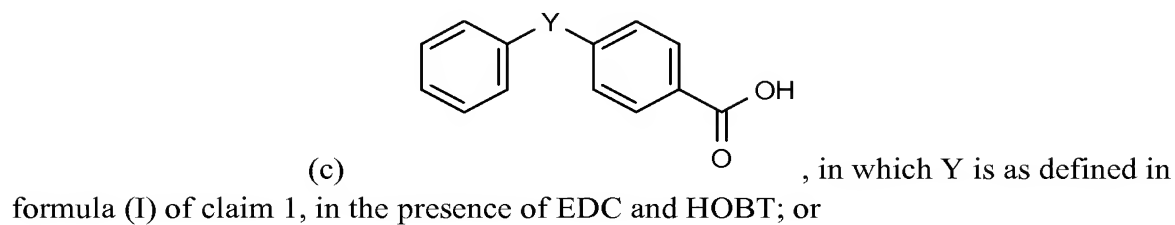
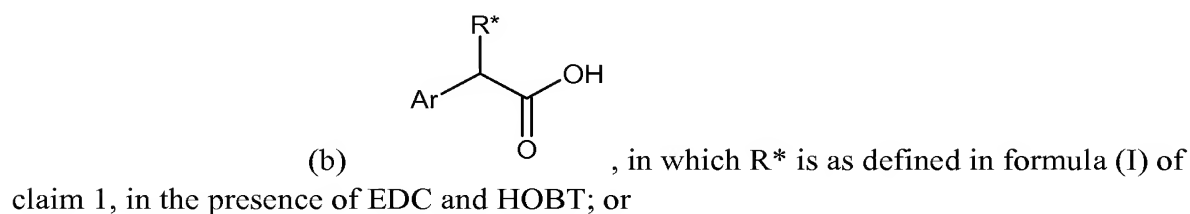
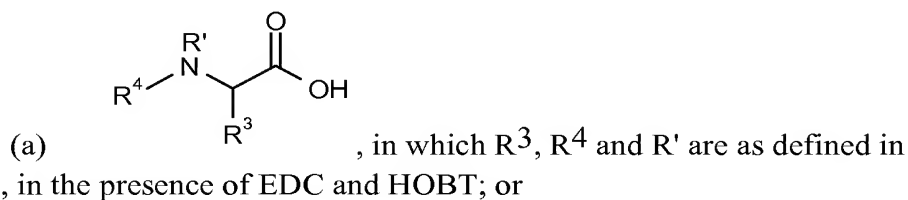
(c) , in which Y is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



(iii) reacting a compound of the formula (V):

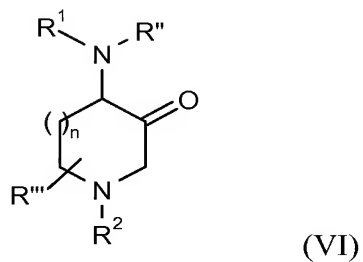


wherein R''' and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, and R^a is C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl with:



(B) for compounds in which A is C(O):

(i) reacting a compound of the formula (VI):



wherein R¹, R², R³, R⁴ and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, with an oxidizing agent;

and thereafter removing any protecting groups and optionally forming a pharmaceutically acceptable salt.